

28293-355

12/7/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D C 20460 0001

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 7, 2012

Ms Rebecca M Horton  
Agent for Phaeton Corporation  
c/o Registration by Design, Inc  
P O Box 1019  
Salem, VA 24153

Subject Amended Reregistration Label  
Product Name Unicorn 2 5% Permethrin Ready to Spray  
EPA Registration Number 28293-355  
EPA Decision Number 413462

Dear Ms Horton

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the **Permethrin** REDs and has concluded that your submission is acceptable

NOTE This product is not being reregistered under sections 3(c) 5 and 4(g) of FIFRA at this time

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below Any previously dated CSFs are superseded

- Basic CSF, dated 12/10/10

Please note that, should you wish to add/retain a reference to the company's website on your label, the website becomes labeling under FIFRA and is subject to review by the Agency If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under section 12(a)(1)(E) of FIFRA 40 CFR §156.10(a)(5) lists examples of statements EPA may consider false or misleading In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not be substantially differ from those claims approved through the registration process Therefore, should the Agency find, or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to EPA's Office of Enforcement and Compliance Assurance (OECA) As an alternative, you may refer consumers to the company's phone number or e-mail address

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e).

If you have any questions about this letter, please contact either Dani Daniel at (703) 305 5409 or via e-mail at [Daniel.Dani@epa.gov](mailto:Daniel.Dani@epa.gov)

Sincerely yours,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7505P)

Enclosures    Label stamped "Accepted," dated 12/7/12  
Product Chemistry Review, dated 2/24/12  
Acute Toxicity Review, dated 2/27/12

# UNICORN

## 2.5% Permethrin Ready to Spray

For Outdoor Use Around Residential (Home) Areas Only

(editors note [ ] brackets indicate alternate/optional text)

[Kills [Controls] Mosquitoes Fleas Ticks and Ants]

[Also Kills Japanese Beetles Mosquitoes and many other listed insects]

Water Based

Kills and Repels

Kills Ticks that may carry Lyme Disease

[Also] Stop[s] Bugs in Your [Also Use on]

Lawns Trees & Shrubs Roses & Flowers

Spray Around Yard Perimeter

32 oz Treats Up to 5 000 Square Feet

Hose End use – Always Shake Well Before Using

Contains Permethrin a long lasting insecticide which provides contact and residual control for up to 4 weeks of many hard to kill sucking and chewing insects

[PRODUCT USAGE [FACTS]

KILLS [Ants] Aphids Beetles [Chinch Bugs Crickets Japanese Beetles] [Cutworms] [Earwigs] [Fleas] [Japanese Beetle Grubs] Mealybugs [Mites] [Mole Crickets] [Mosquitoes] [Sod Webworms] Spider Mites [Tent Caterpillars] [Ticks] Whiteflies and many other[s] [garden [nuisance] pests] [more insects] as listed

USE ON [WHERE TO USE] Roses Flowers Lawns Trees and Shrubs [and as a residual spray to outside surfaces of buildings foundations porches patios window frames and other areas where pests congregate] [Outdoors around the home]

AMOUNT TO USE See detailed instructions inside label ]

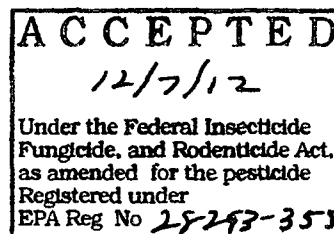
(Optional text below in italics used when packaged in a hose end applicator container only )

*PRODUCT USAGE*

*KILLS Ants Chinch Bugs Crickets Japanese Beetles Mosquitoes Ticks Whiteflies and many other insects as listed*

*USE ON Lawns Trees Shrubs Roses Flowers and as a residual spray to outside surfaces of buildings porches patios window frames and other areas where pests congregate*

*AMOUNT TO USE No mixing required Connect to hose and spray*



### ACTIVE INGREDIENT

Permethrin\* (CAS No 52645-53-1)

2.5%

### OTHER INGREDIENTS

97.5%

Total

100.0%

\*Cis/trans isomer ratio Min 35% (±) cis, and Max 65% (±) trans

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Label Panel for Additional Precautionary Statements and First Aid

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Subscript used is first letter of run code on container

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FIRST AID	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor</li> <li>• Do not give any liquid to the person</li> <li>• Do not give anything by mouth to an unconscious person</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment	

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**CAUTION** May be harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

#### **Environmental Hazards**

This pesticide is extremely toxic to aquatic organisms including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

#### **Physical or Chemical Hazards**

Do not apply this product around electrical equipment due to possible shock hazard.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### **Use Restrictions**

Do not allow adults, children or pets to enter the treated area until sprays have dried. Do not water the treated area to the point of run-off. Do not make applications during rain. All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- 1) Treatment to soil or vegetation around structures,
- 2) Applications to lawns, turf, and other vegetation,
- 3) Applications to building foundations, up to a maximum height of 3 feet

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications only. Application is prohibited.

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directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Not for use in outdoor residential misting systems.

This product kills troublesome outdoor insects which destroy lawns, roses, flowers, trees and shrubs. Ants, Bagworms, Aphids, Armyworms, Chinch Bugs, Inchworms, Spider mites, Beetles, Fleas, Cicadas, Thrips, Cutworms, Sod webworms, Leafrollers, Whiteflies, Moths.

Also kills Brown dog ticks, Budworms, Citrus black flies, Cluster flies, Crickets, Earwigs, Elm spanworms, Fall cankerworms, Gnats, Grasshoppers, House flies, Japanese beetles, Leafminers, Lone star ticks, Mealybugs, Millipedes, Mole crickets, Mosquitoes (including those that may carry West Nile Virus), Scales, Sowbugs (pillbugs), Tent caterpillars, Ticks including Deer tick (which may carry Lyme disease) and many others.

**HOSE END SPRAYER** Easy to Use For Application to Lawns, Outdoor Ornamentals, Outside Surfaces of Buildings, and Other Outdoor Residential Areas 32 oz Treats Up to 5,000 Square Feet

- 1 Make sure Knob is twisted fully clockwise to OFF position. Shake well before attaching to hose.
- 2 Turn Product Control Button clockwise until the flat portion is flush with the lock tab, then push button all the way in. Avoid squeezing bottle.
- 3 Turn water on at faucet, aim nozzle toward lawn and turn Knob counterclockwise to begin spraying.
- 4 When finished push Product Control Button to OFF position from opposite side. Return Knob and faucet to OFF position. Discharge water pressure by turning Knob ON and OFF again. Turn Product Control Button counterclockwise away from lock tab to prevent accidental discharge. Store out of reach of children.

(Alternate Hose End Sprayer Directions – Used in accordance with type of Hose End packaged)  
**HOSE END SPRAYER** Easy to Use For Application to Lawns, Outdoor Ornamentals, Outside Surfaces of Buildings, and Other Outdoor Residential Areas  
 32 oz Treats Up to 5,000 Square Feet

- 1 Make sure knob Control lever is in the OFF position. Shake well and attach to hose.
- 2 Turn water on at faucet, aim nozzle toward lawn and turn knob Control lever to ON to begin spraying.
- 3 When finished turn Control lever to OFF position. Turn faucet to OFF Position. Discharge residual water pressure by turning ON and OFF again. Store out of reach of children.

(Alternate Hose End Sprayer Directions – Used in accordance with type of Hose End packaged)  
**HOSE END SPRAYER** Easy to Use For Application to Lawns, Outdoor Ornamentals, Outside Surfaces of Buildings, and Other Outdoor Residential Areas  
 32 oz Treats Up to 5,000 Square Feet

#### INSTRUCTIONS

- 1 Make sure [white] Water [Control] Valve [on top of bottle] is in the OFF or back position and the red Product Mixing Valve is [pointed] in the CLOSED or upright position.

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- 2 Shake the product well and firmly attach to garden hose
- 3 Turn water on at faucet and aim nozzle toward lawn To begin water flow, turn [white] Water Valve ON by pushing forward To begin spraying mixture, rotate [red] Product Mixing Valve OPEN by turning it ¼ of a turn counter clockwise
- 4 Walk at a steady pace spraying in a side to side arc slightly overlapping treated areas [Refer to graduated side of container to guide coverage ]
- 5 To stop spraying, turn the [red] Product Mixing Valve to the CLOSED or upright position and return the [white] Water Valve to the OFF or back position
- 6 For product storage, both valves should be in the CLOSED/OFF position

#### NUISANCE PESTS IN OUTDOOR AREAS

TREATMENT AREAS	PESTS (Controlled)	REMARKS [How to Use] [General Directions]
Outside surfaces of buildings	Ants (including foraging fire ants), Chiggers, Clover mites, Crickets, Earwigs, Millipedes, Sowbugs (pillbugs), Mosquitoes (including those that may carry West Nile Virus)	To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance Also, apply as a residual spray to outside surfaces of building, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen
Other outdoor areas	Ants (including foraging fire ants), Chiggers, Crickets, Earwigs, Fleas, Lone star ticks, Ticks, including Deer tick (which may carry Lyme disease)	For treatment of localized infestations of these insects in areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly For Ants, thoroughly wet hills and runways
	Cluster flies, Flying moths, Gnats, House Flies Mosquitoes (including those that may carry West Nile Virus)	For use only as an aid in reducing annoyance from these insects Apply as a spot or crack and crevice spray to outside surfaces of screens, doors, window frames or wherever these insects may enter the room Also treat surfaces around light fixtures on porches, in garages and other places where these insects alight or congregate
	Tent caterpillars	Application should be made when caterpillars are young and tents are first noticed For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents Wet tents with spray on all sides A few caterpillars may be seen escaping from the tent, however, they should die within several hours

Do not spray animals People and pets should not be allowed in treated areas until spray has dried

### HOME LAWNS

TREATMENT AREAS [Plants]	PESTS [Controlled]	REMARKS [How to Use] [General Directions]
Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merion, St Augustine	Armyworms, Brown dog ticks, Chiggers, Chinch bugs, Cutworms, Fleas, Japanese beetle grubs, Mole crickets, Mosquitoes (including those that may carry West Nile Virus), Sod webworms, Ticks, including Deer Tick (which may carry Lyme disease)	Thoroughly wet down grass a few hours before applying Home lawns should be not taller than 3 inches at time of application For heavy infestations, repeat application after 2 weeks
	Ants (including foraging fire ants), Crickets, Grasshoppers	

### TREES & SHRUBS

TREATMENT AREAS [Plants]	PESTS [Controlled]	REMARKS [How to Use] [General Directions]
Arizona cypress, Azalea, Birch, Cherry, Non-bearing citrus, Conifers, Elm, English ivy, Euonymus, Weeping fig, Fir, Honeysuckle, Lilac, Mock-orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip, Poplar, Rhododendron, Taxus	Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Whiteflies	Apply as a thorough spray, wetting leaves and branches completely but avoid runoff Try to penetrate dense foliage Spray in the late afternoon or evening, when the temperature ranges from 50° to 75° F and when there is little or no wind Spray at the first sign of insects Repeat applications may be made at intervals of 4-8 days Application can be made up to the day of collection
Cherry, Honeysuckle	Fall webworms	
Conifers	Budworms	
Elm	Elm leaf beetles, Elm spanworms, Fall webworms	
Douglas and Grand firs	Tussock moths	
Non-bearing citrus	Citrus black flies	
Oak	Oakworms	
Pine	Pine beetles, Pine moths, Pine needleminers, Needle scales	

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### ROSES & FLOWERS

TREATMENT AREAS [Plants]	PESTS [Controlled]	REMARKS [How to Use] [General Directions]
Ageratum, Aster, Azalea, Begonia, Coleus, Common ninebark and snowberry, Exacum, Gladiolus, Gold bells, Hypoestes, Ivy, Lilac, Marigold, Mock-orange, Nannyberry, Orchid, Pansy Pea shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia	Aphids, Bagworms Cicadas, Exposed thrips, Fall cankerworms, Fall webworms, Inchworms, Leafrollers, Mealybugs, Spider mites, Whiteflies	Apply as a thorough spray, wetting the plants completely, but avoid runoff Try to hit underside of leaves and penetrate dense foliage Spray in the later afternoon or evening, when the temperature ranges from 50° to 75° F and when there is little or no wind Spray at the first sign of insects Repeat applications may be made at intervals of 4-8 days Application can be made up to the day of collection

### STORAGE AND DISPOSAL

**PESTICIDE STORAGE** Store in a cool, dry area away from heat or open flame

**PESTICIDE DISPOSAL** If partly filled – Call your local solid waste agency for disposal instructions Never place unused product down any indoor or outdoor drain

**CONTAINER DISPOSAL** If empty – Nonrefillable container Do not reuse or refill this container Place in trash or offer for recycling if available

**NOTICE** To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions

PHAETON CORP  
P O Box 290  
Madison, GA 30650

[Lot number inserted at production]